


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MICROCONTROLLERS/24/14919	
<b>1.3 Title of PCN</b>	ST AGRATE (Italy) additional source for STM32G03x/04x and STM32L41x/42x products in M10/90nm technology.	
<b>1.4 Product Category</b>	STM32G03x, STM32G04x, STM32L41x, STM32L42x	
<b>1.5 Issue date</b>	2024-08-29	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	PIKE EMMA
<b>2.1.2 Phone</b>	+44 1628896111
<b>2.1.3 Email</b>	emma.pike@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication (SOP 2617)	ST Agrate ( Italy)

**4. Description of change**

	Old	New
<b>4.1 Description</b>	Front-end sources for Die 466 cut1.2 : - TSMC (Taiwan) FAB14 - Crolles 300 ( France)  Front-end sources for Die 464 cut1.0 - TSMC (Taiwan) FAB14	Front-end sources for Die 466 cut1.2 : - TSMC (Taiwan) FAB14 - Crolles 300 ( France) - Agrate 300 (Italy) - additional source  Front-end sources for Die 464 cut1.0 - TSMC (Taiwan) FAB14 - Agrate 300 (Italy) - additional source
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No change	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional front-end site to maintain state of the art service level to our customers thanks to extra capacity.
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Change is visible through diffusion traceability plant, in the marking: - "VQ" for ST Crolles CR300 (France) - "9R" for TSMC Fab14 (Taiwan) - "VK" for ST Agrate AG300 (Italy) Please refer to PCN 14919 – Additional information attached document.
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2024-11-20
<b>7.2 Intended start of delivery</b>	2024-11-26

7.3 Qualification sample available?	Upon Request
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8. Qualification / Validation			
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8.1 Description	14919 PCN14919_RER2413_STM32G03x04x & STM32L41x42x_Die 466_464_REP.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-08-29

9. Attachments (additional documentations)			
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14919 Public product.pdf 14919 PCN14919_RER2413_STM32G03x04x & STM32L41x42x_Die 466_464_REP.pdf 14919 PCN14919_Additional information.pdf			
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10. Affected parts		
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10.1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	STM32G030F6P6	
	STM32G030K8T6	
	STM32G030K8T6TR	
	STM32L412KBU6	
	STM32L412KBU6TR	
	STM32L412RBT6	

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